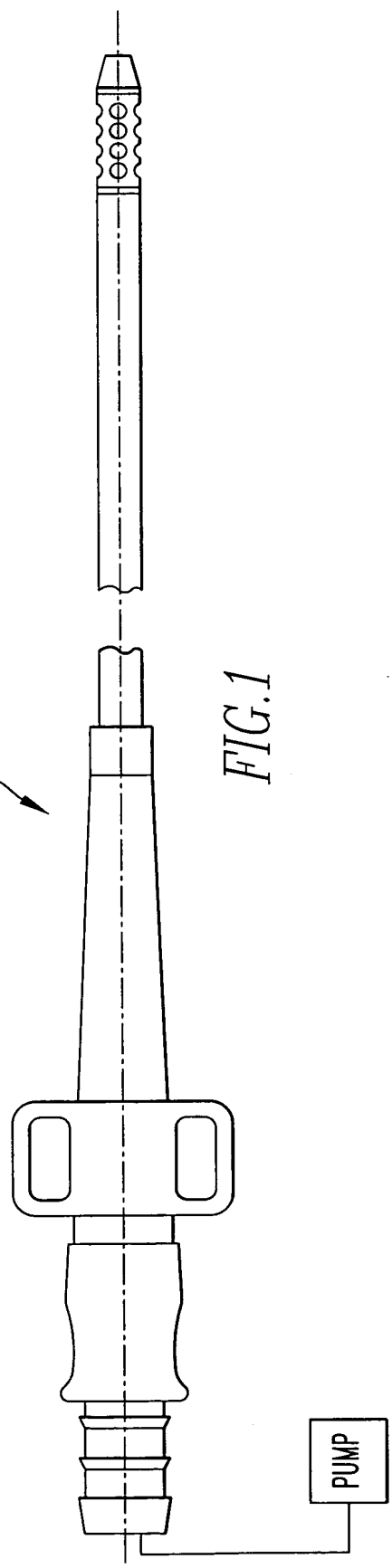


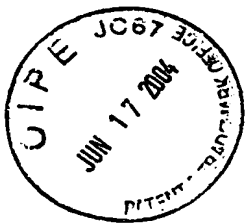


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FIG. 1





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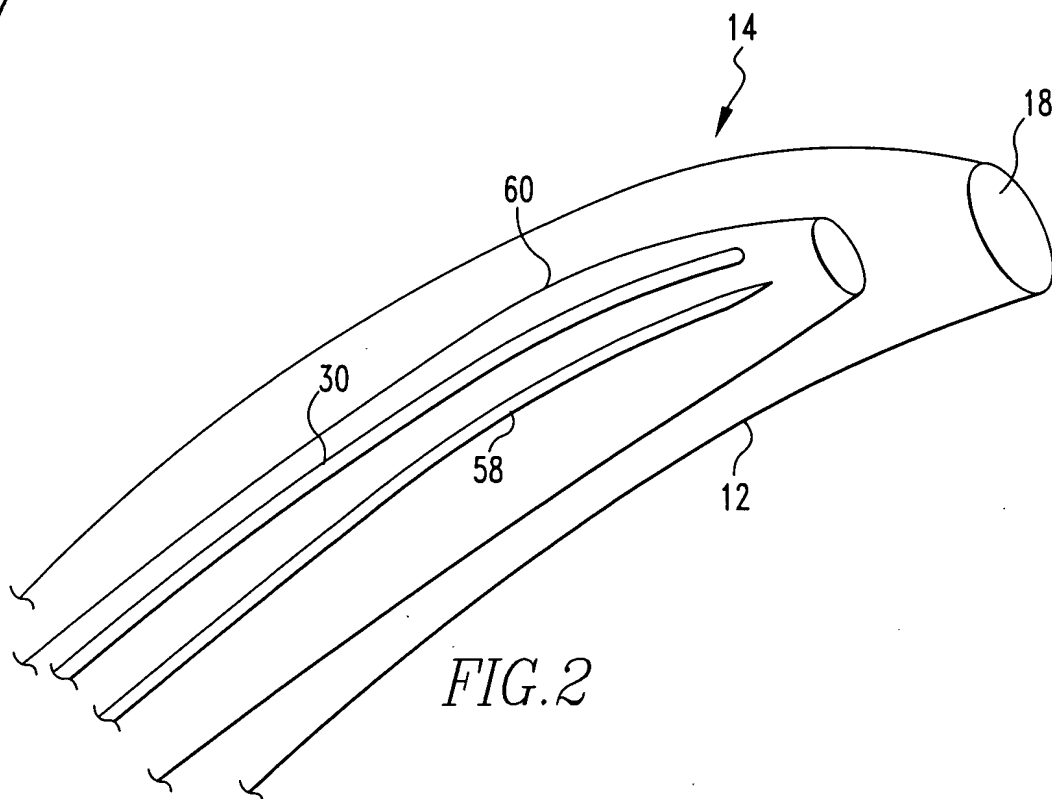


FIG. 2

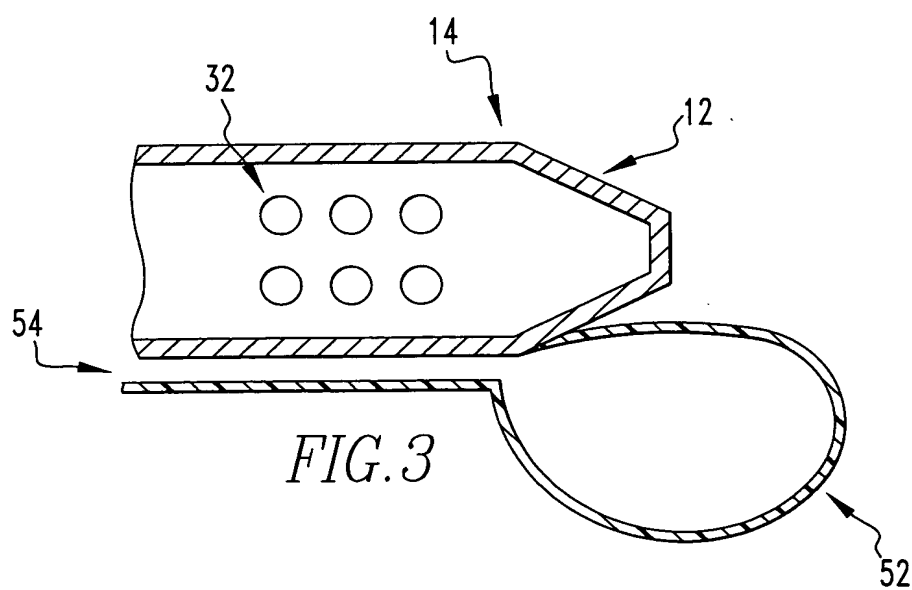


FIG. 3



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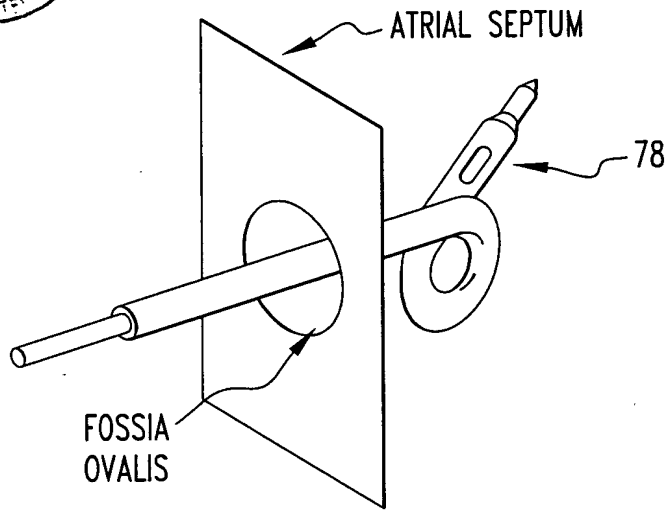


FIG. 4

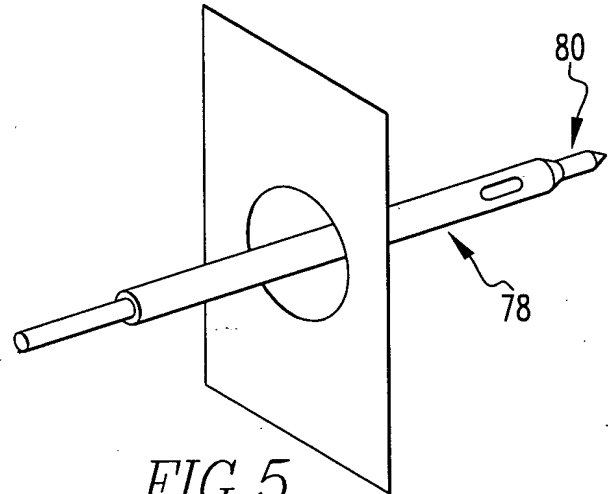


FIG. 5

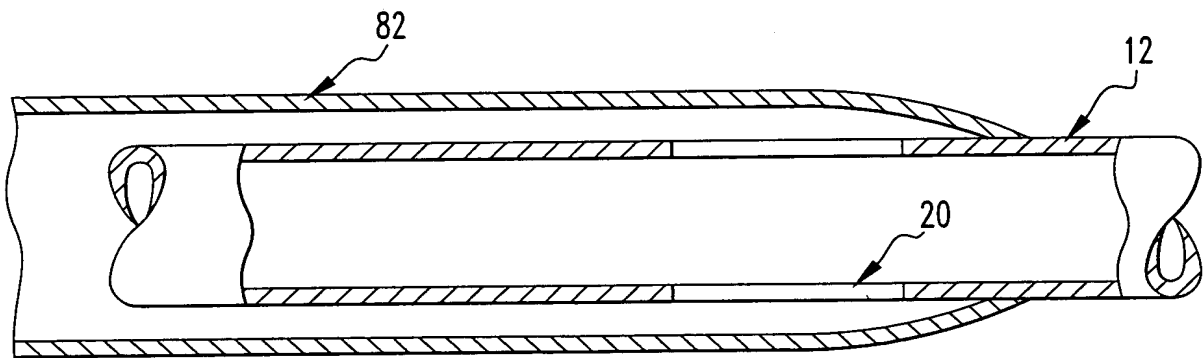


FIG. 6

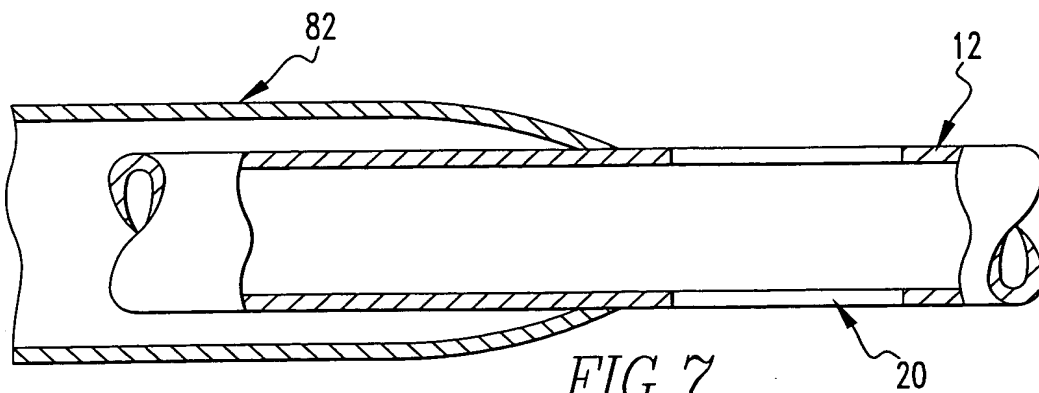
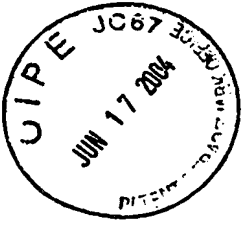
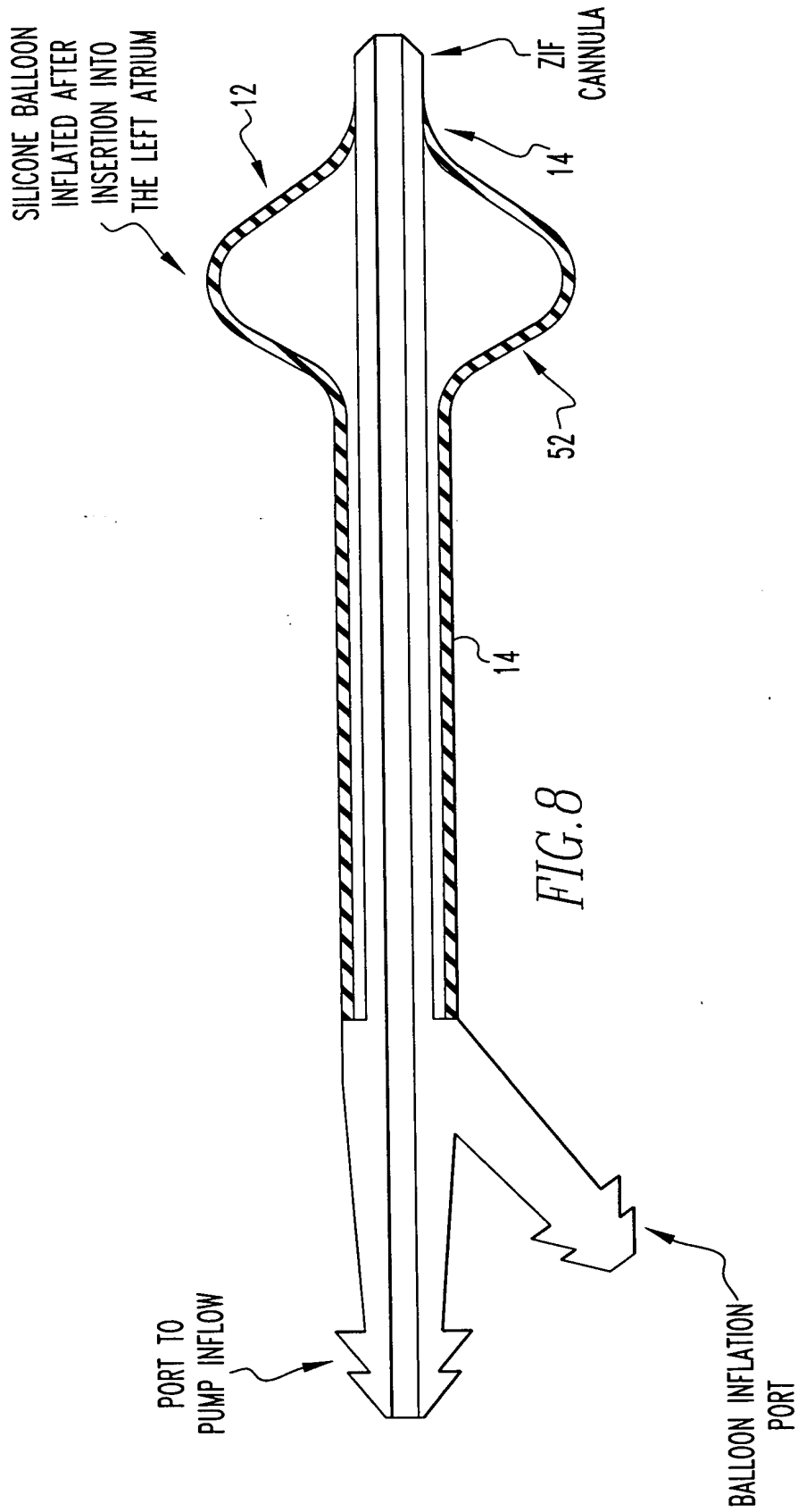
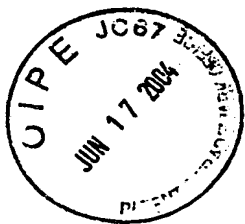


FIG. 7



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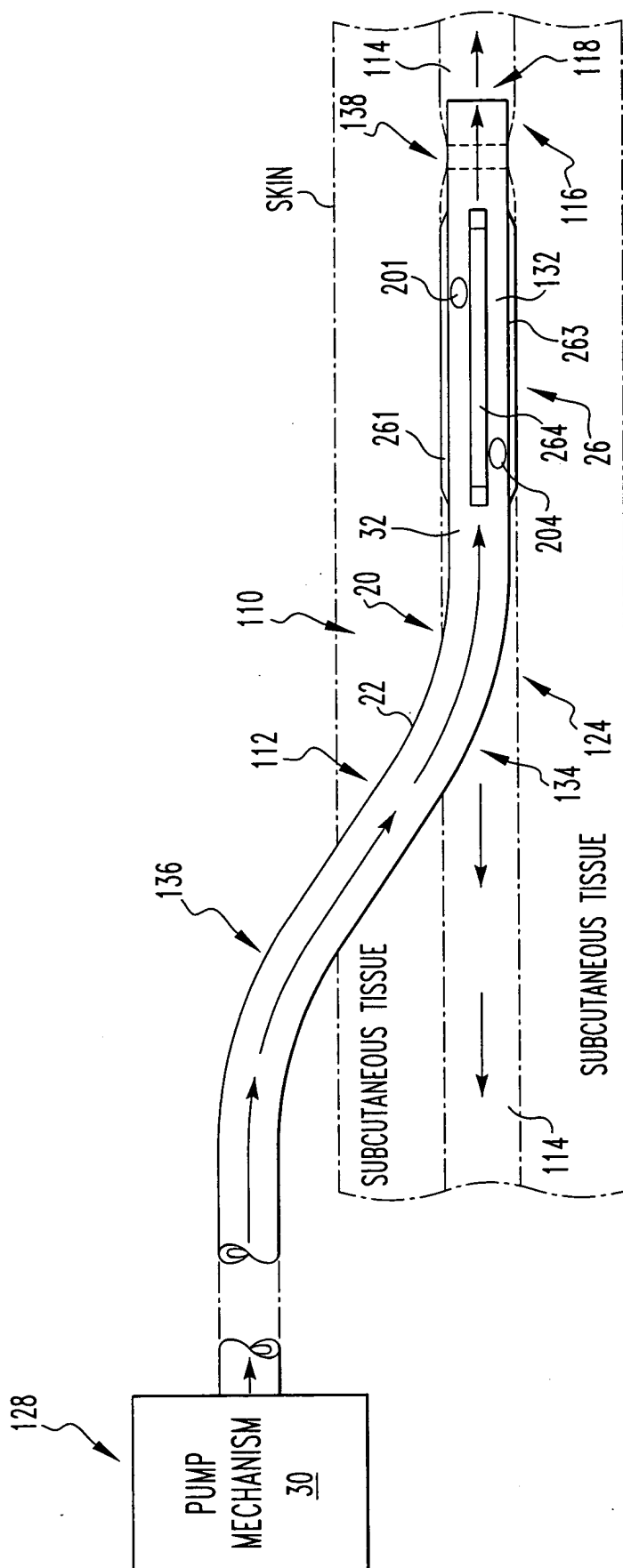


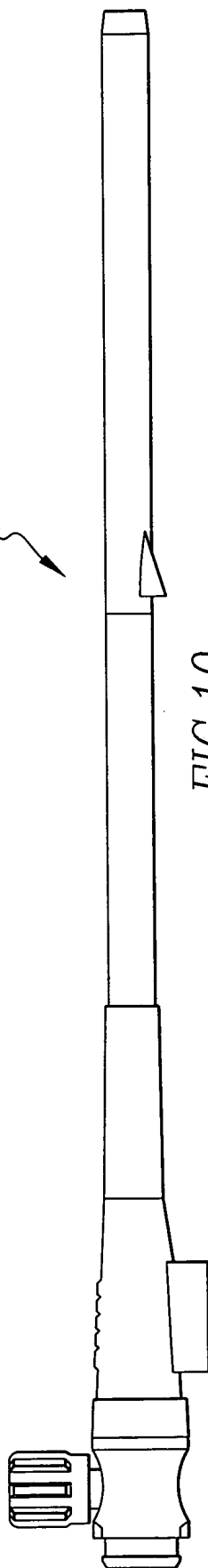
FIG. 9

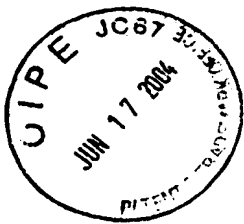


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FIG. 10





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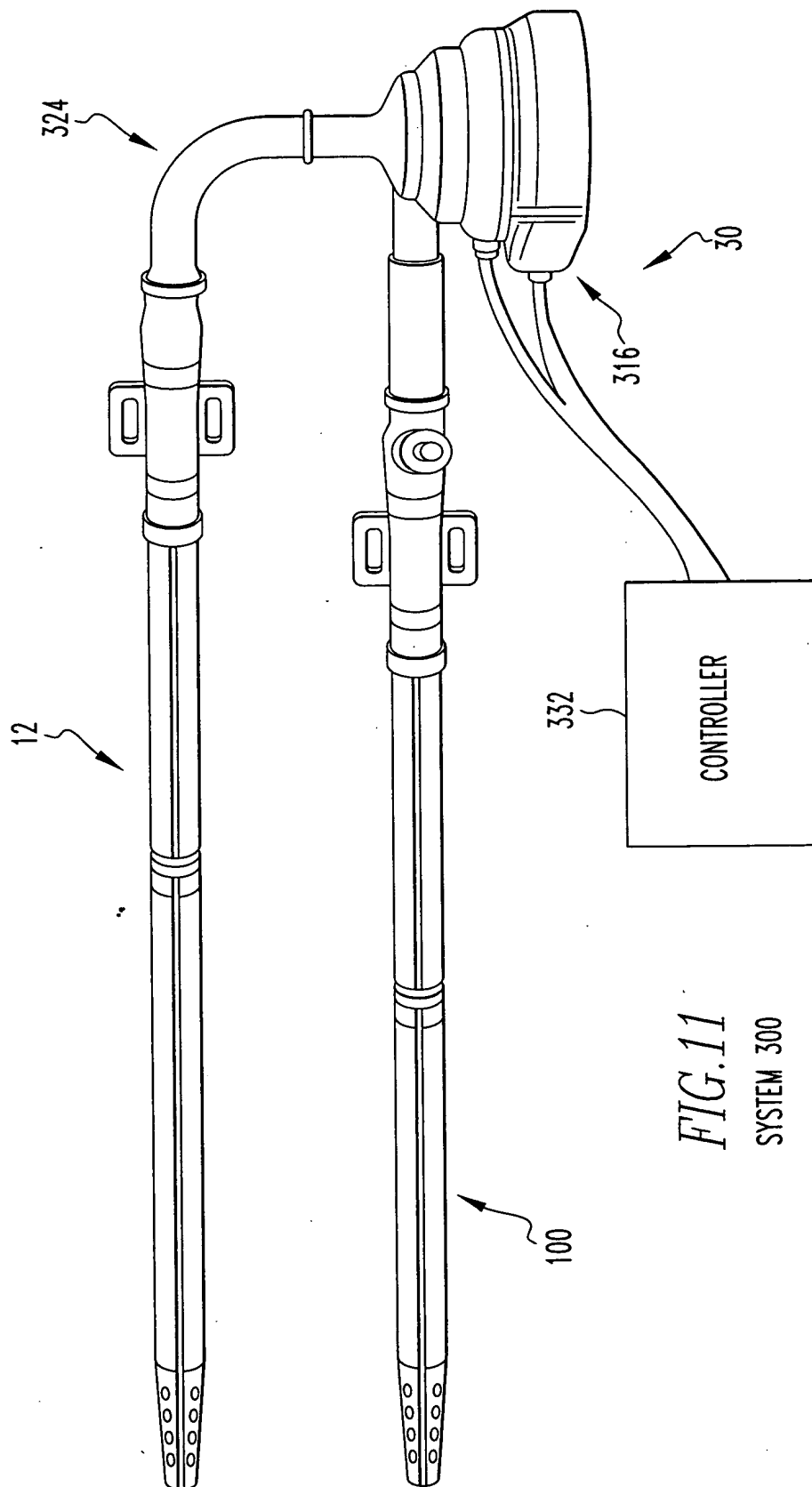


FIG. 11
SYSTEM 300



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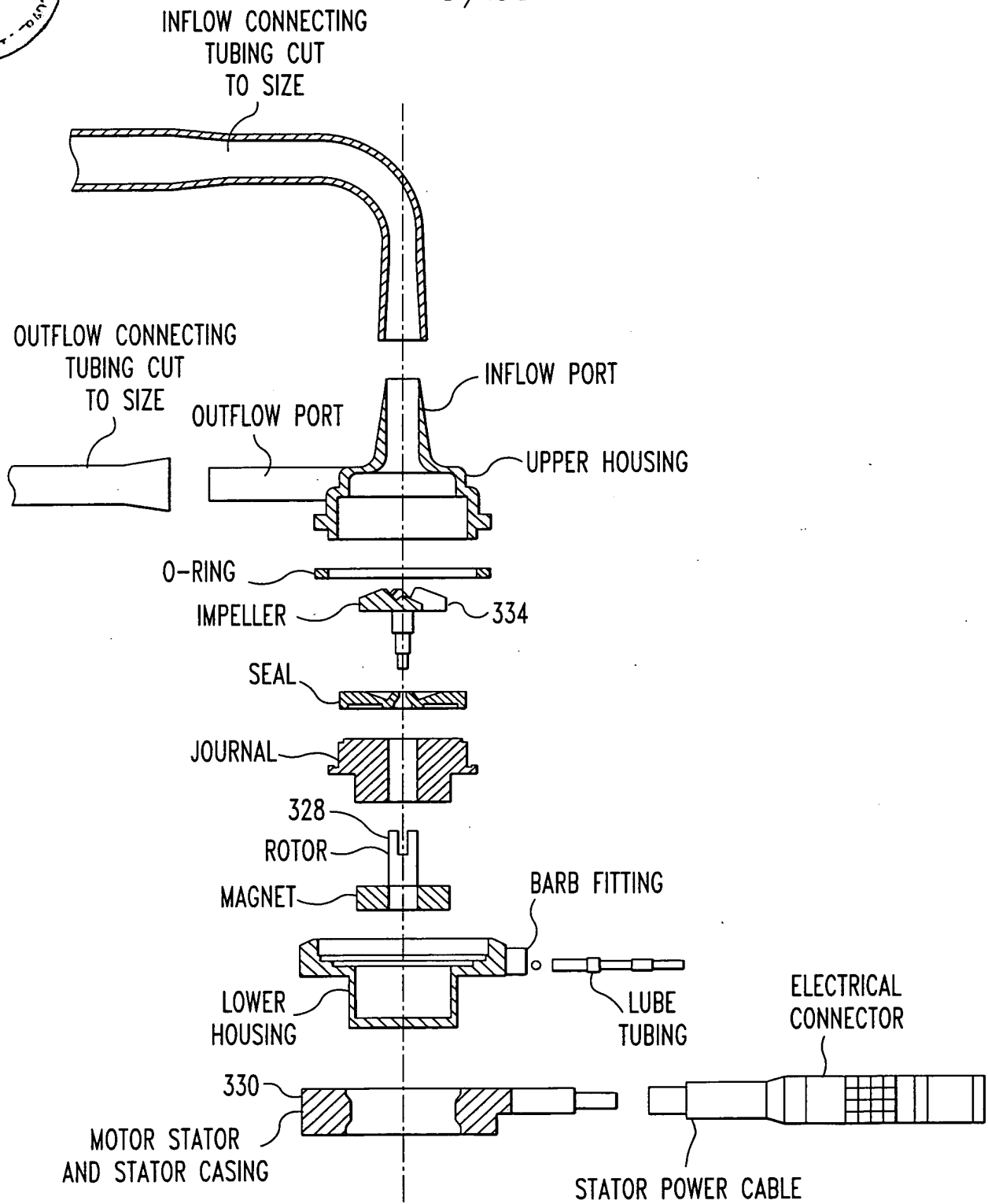


FIG.14



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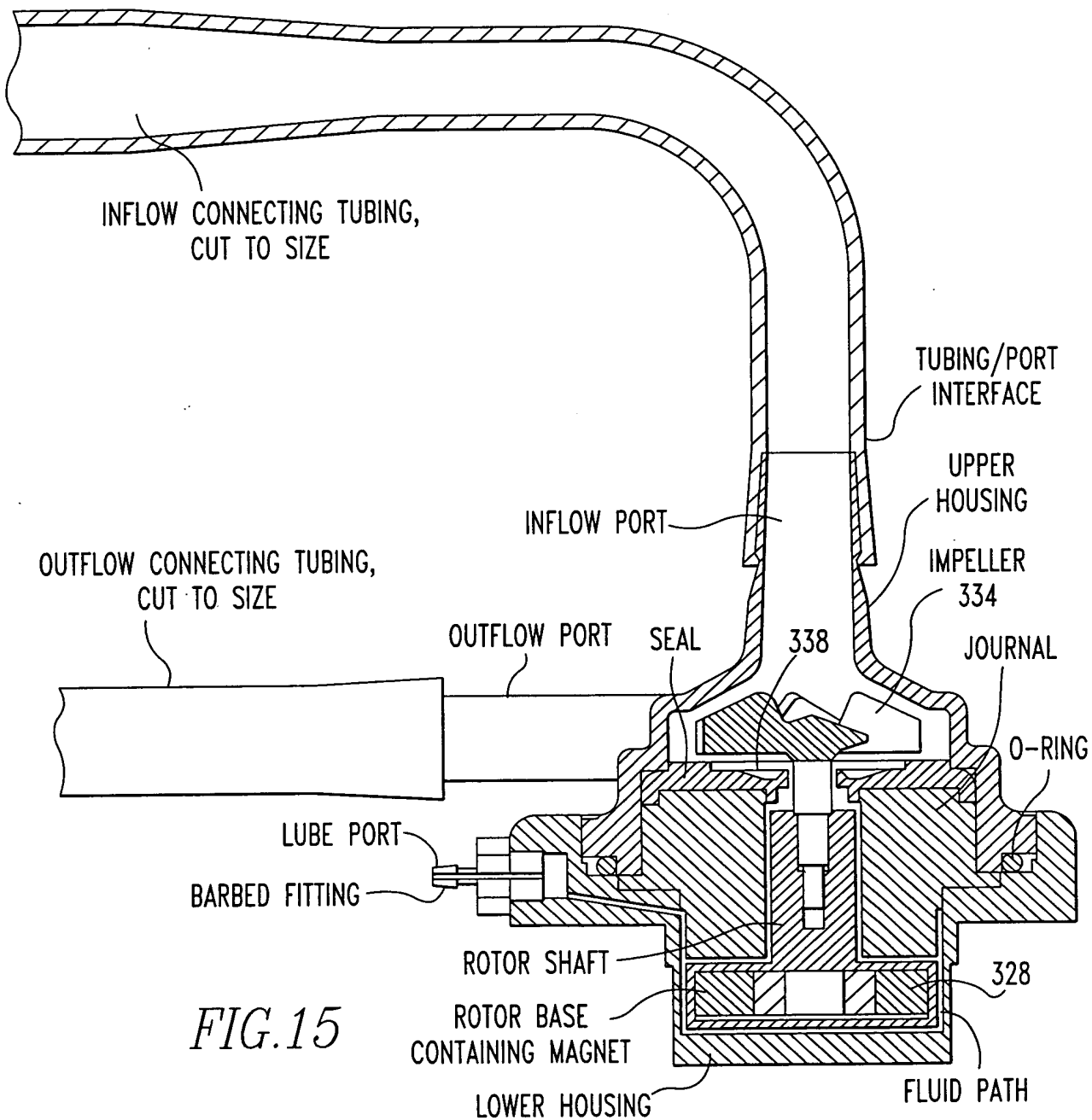


FIG.15



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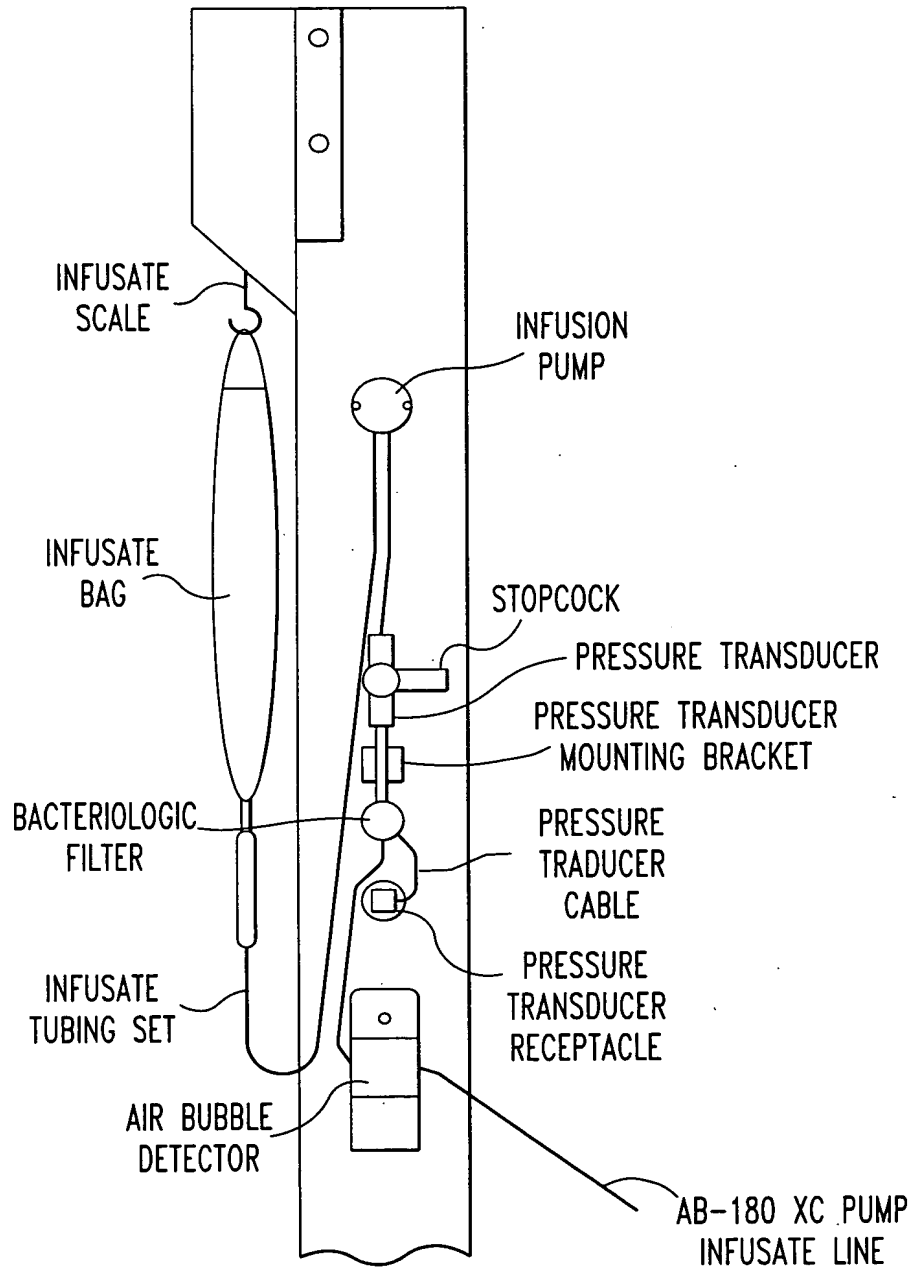


FIG.15a



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PATIENT

- PUMP DRIVE
- OCCL AIR
- LUBE FLUID

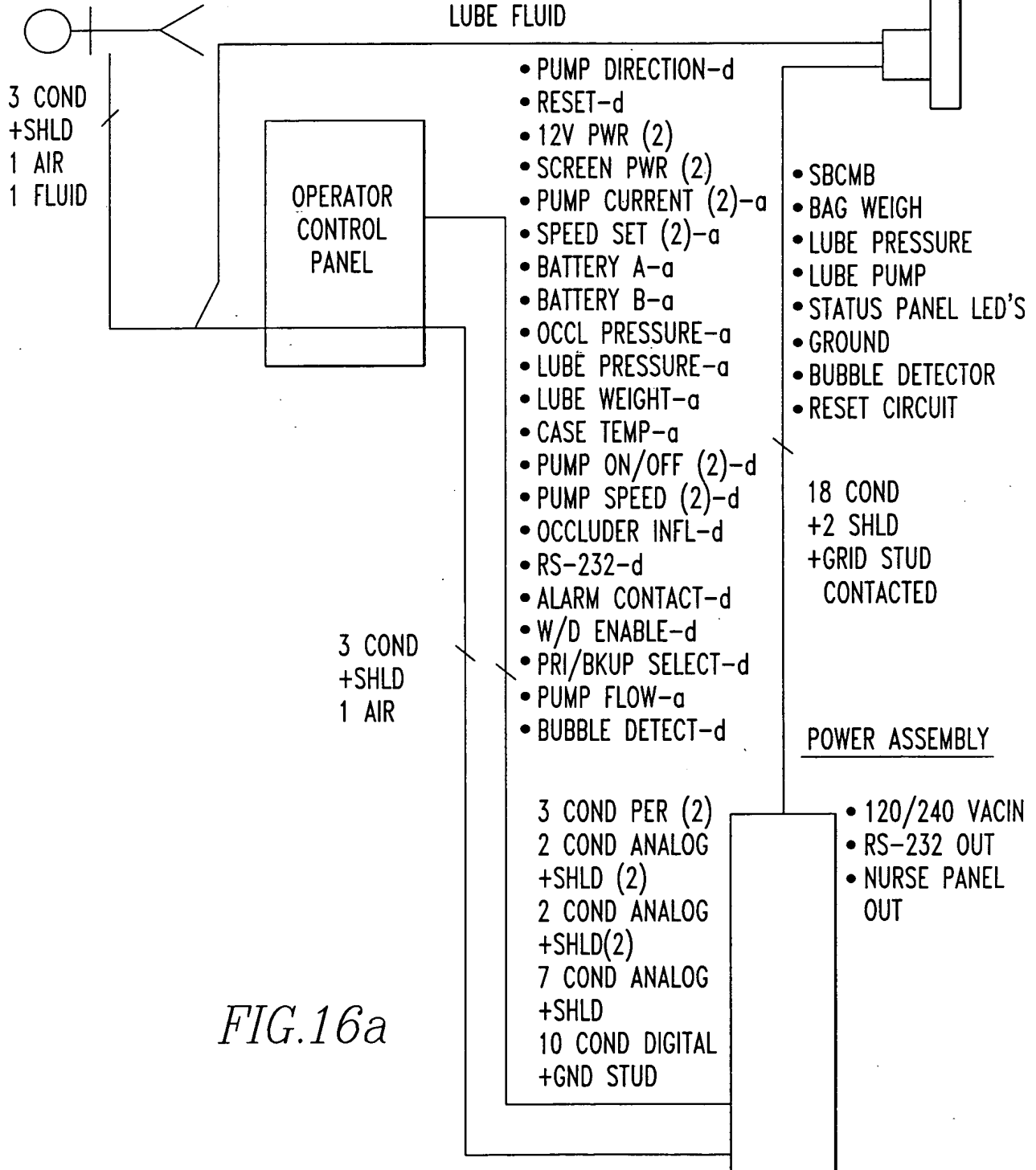


FIG.16a



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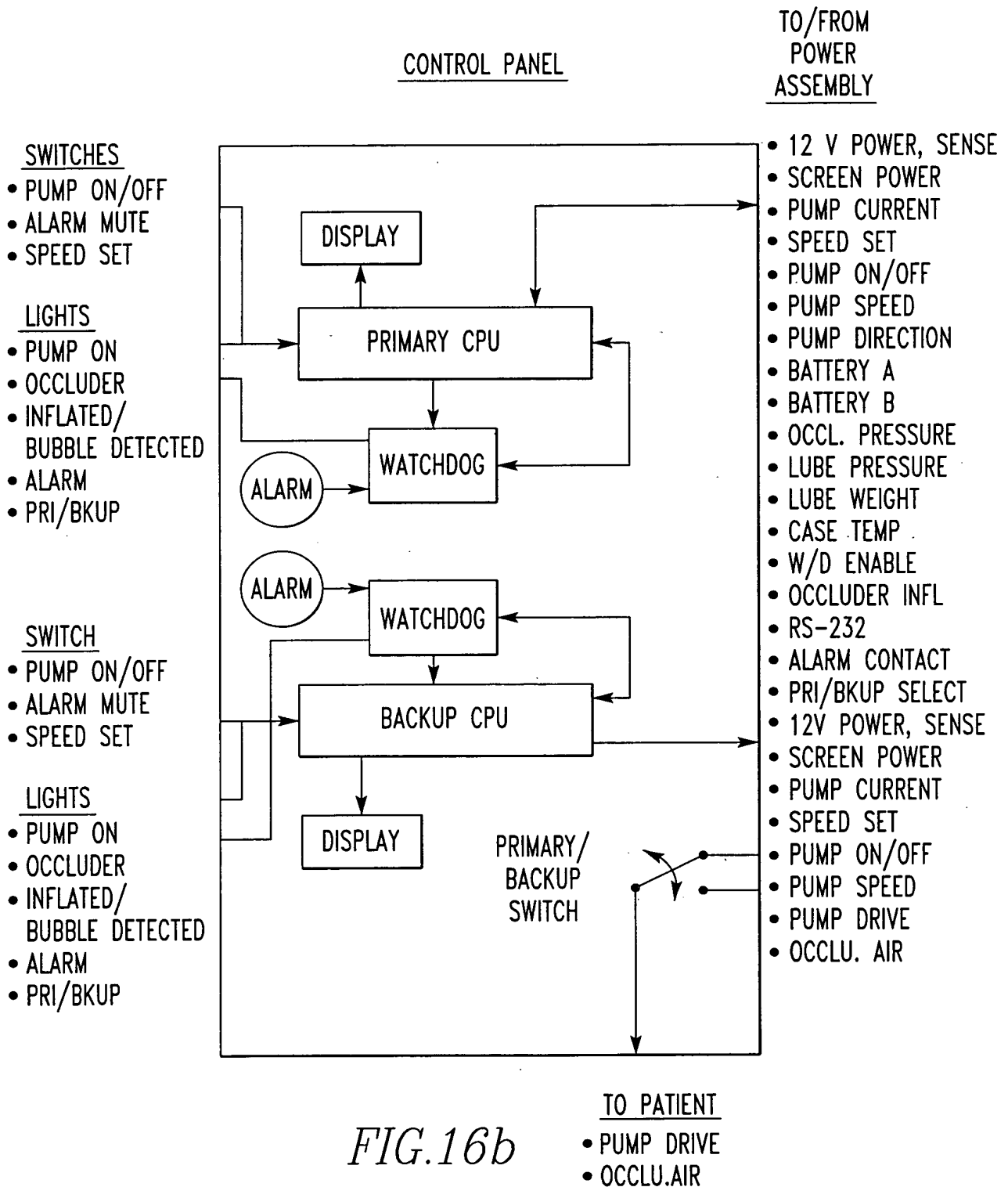


FIG.16b



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SBCMB CONNECTION DIAGRAM

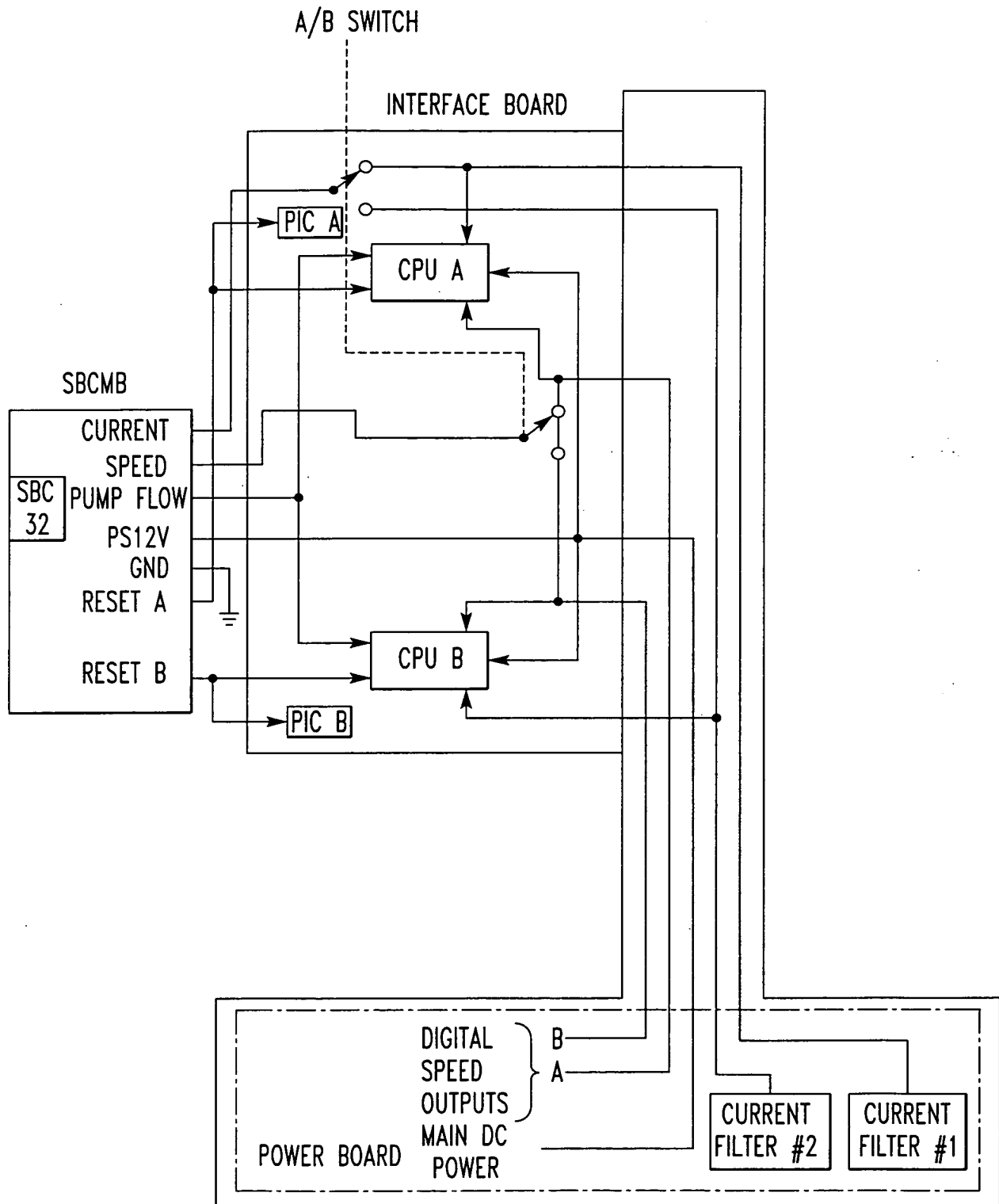


FIG.16d

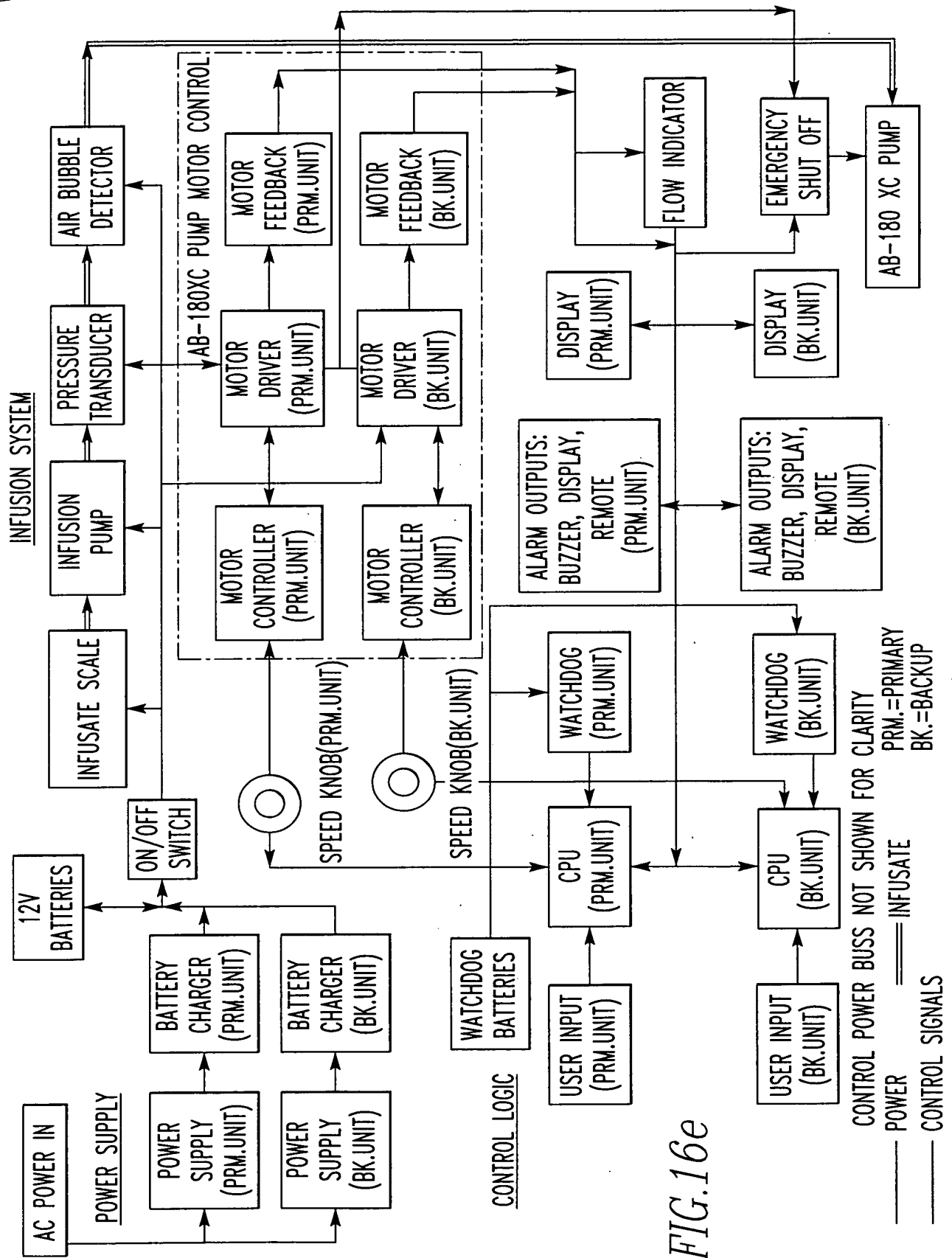
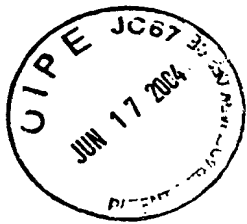


FIG.16e



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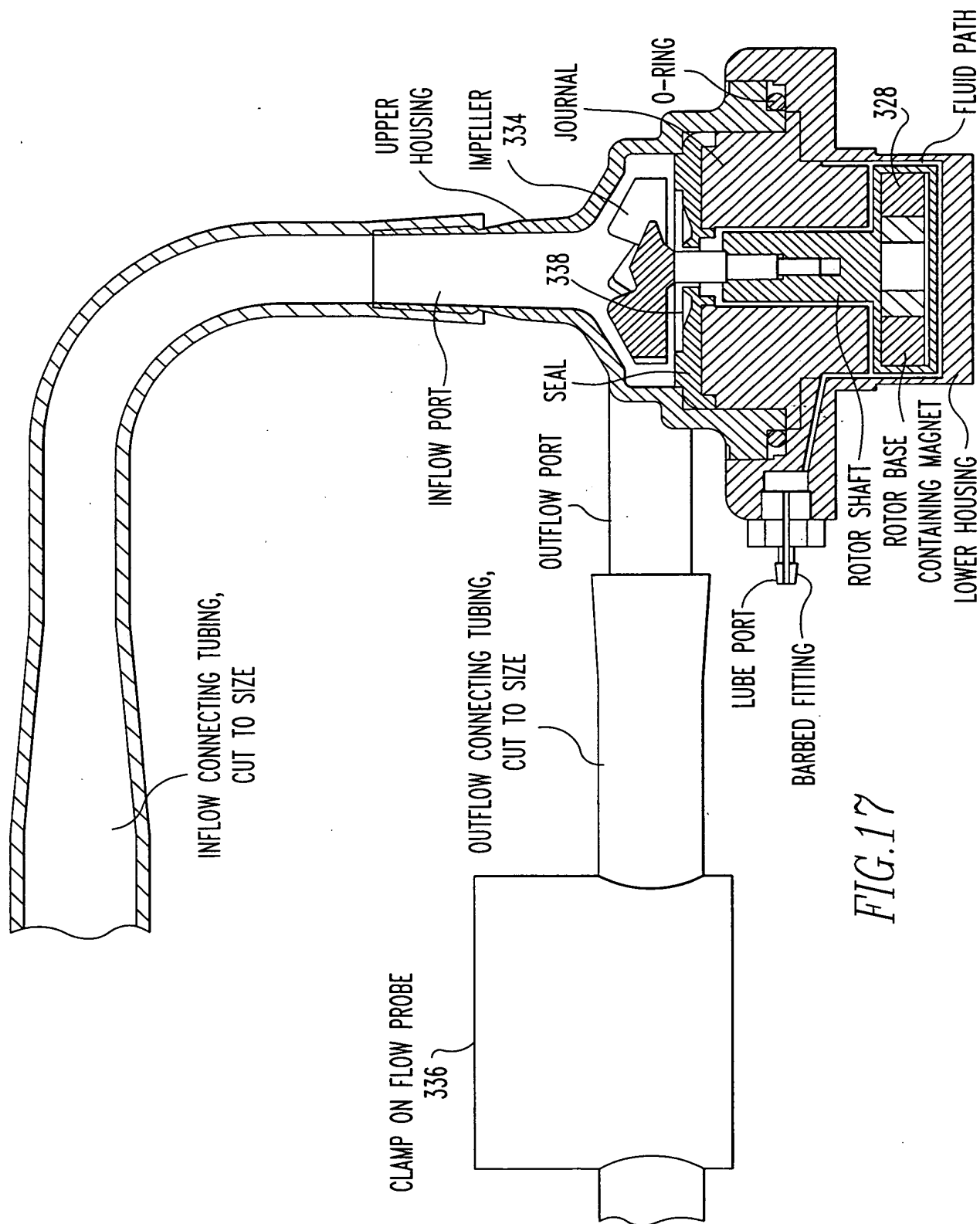


FIG. 17

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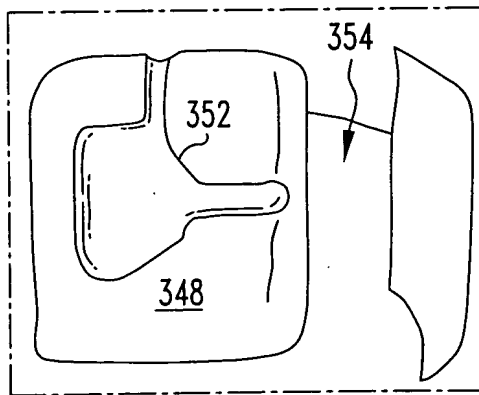
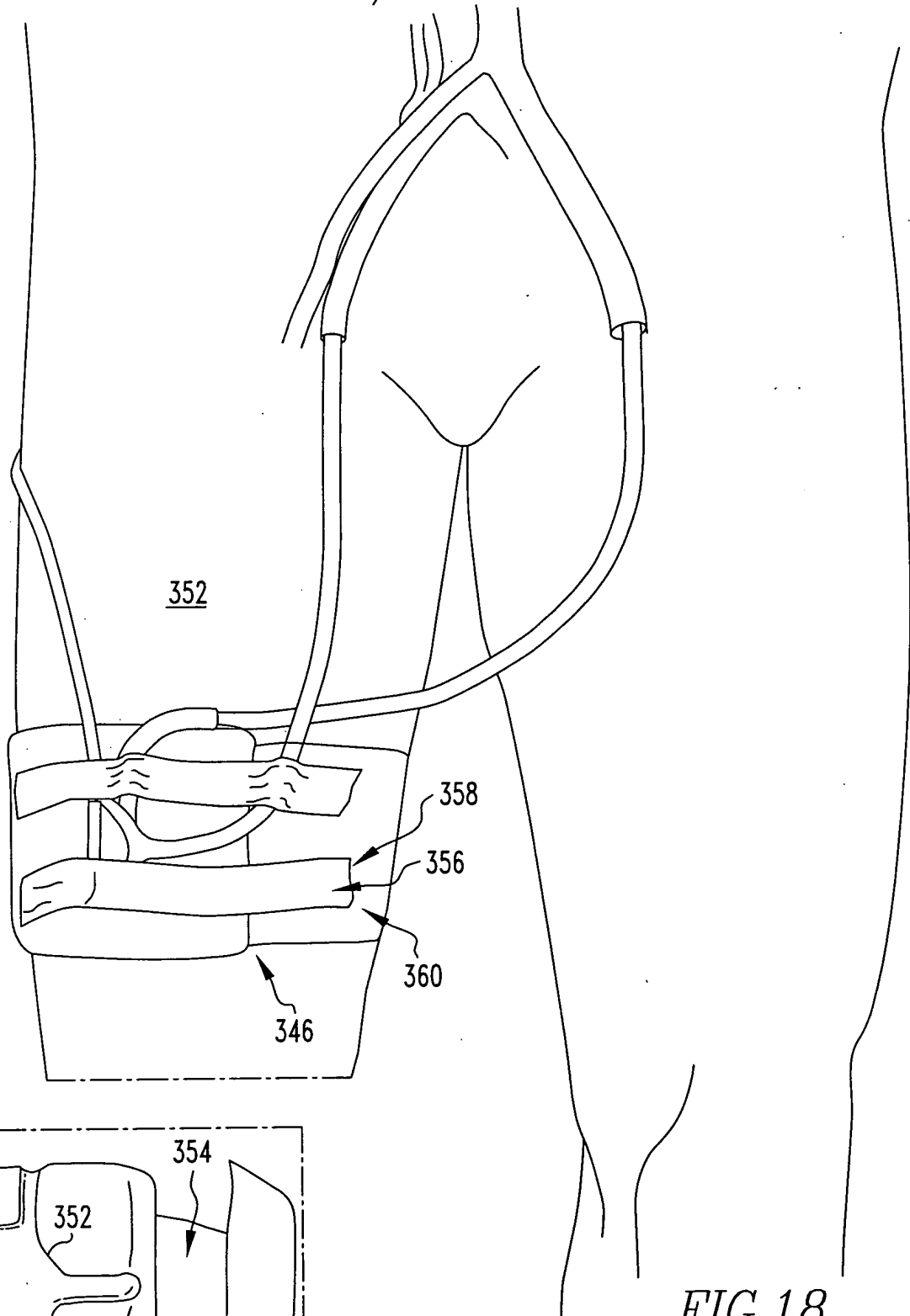


FIG.19

FIG.18
PATIENT PORTION
350



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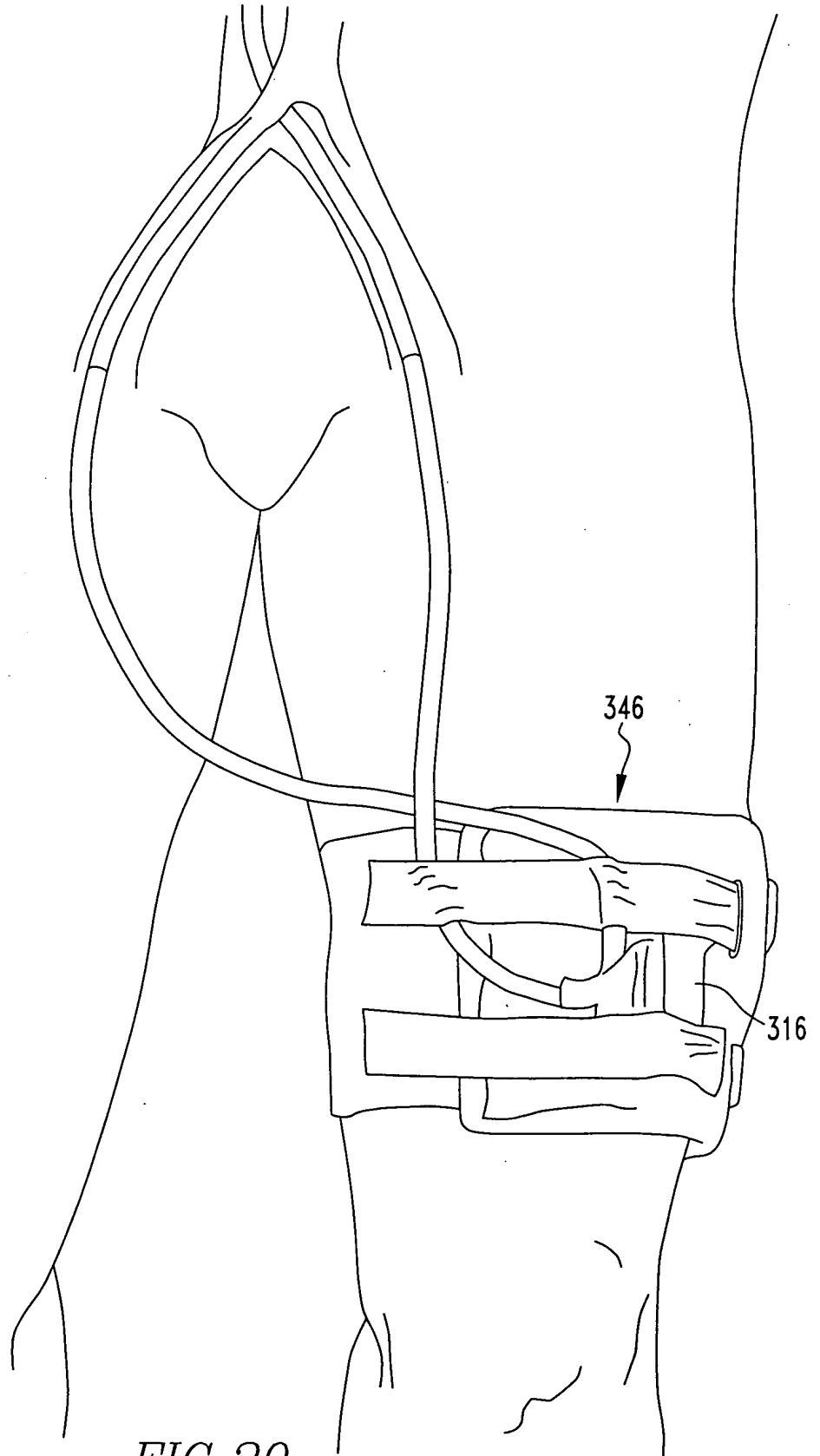
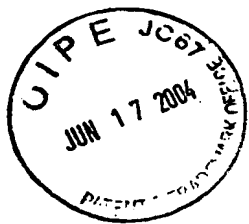


FIG. 20



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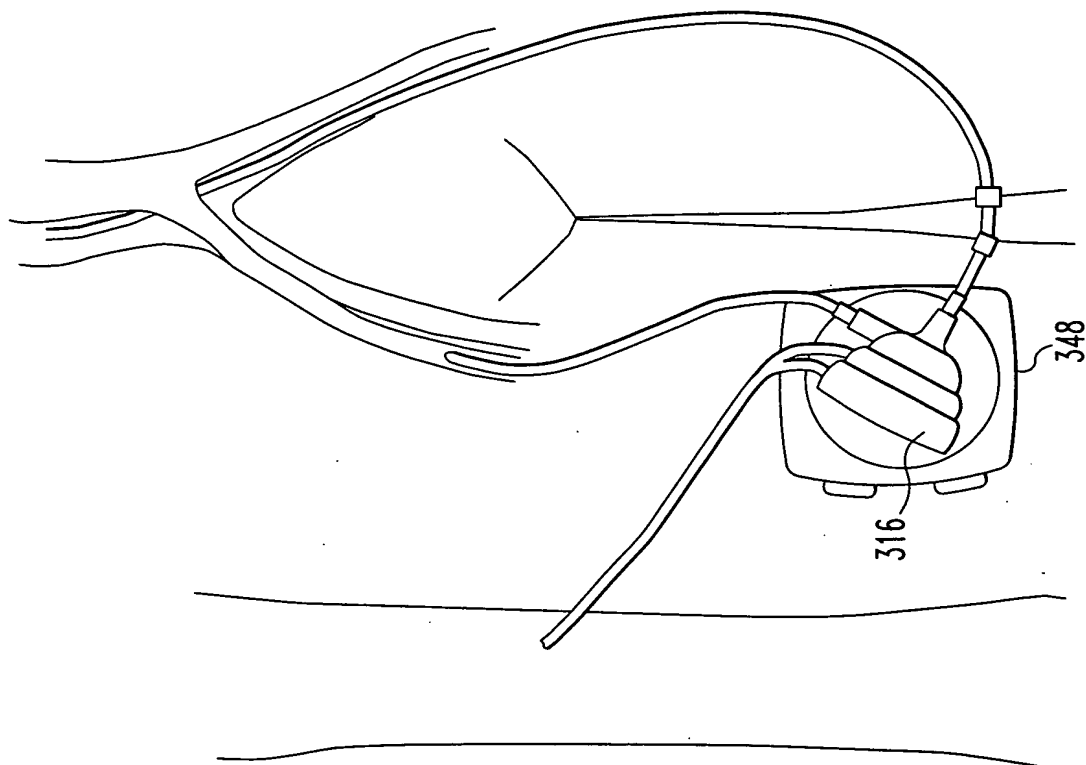


FIG. 21

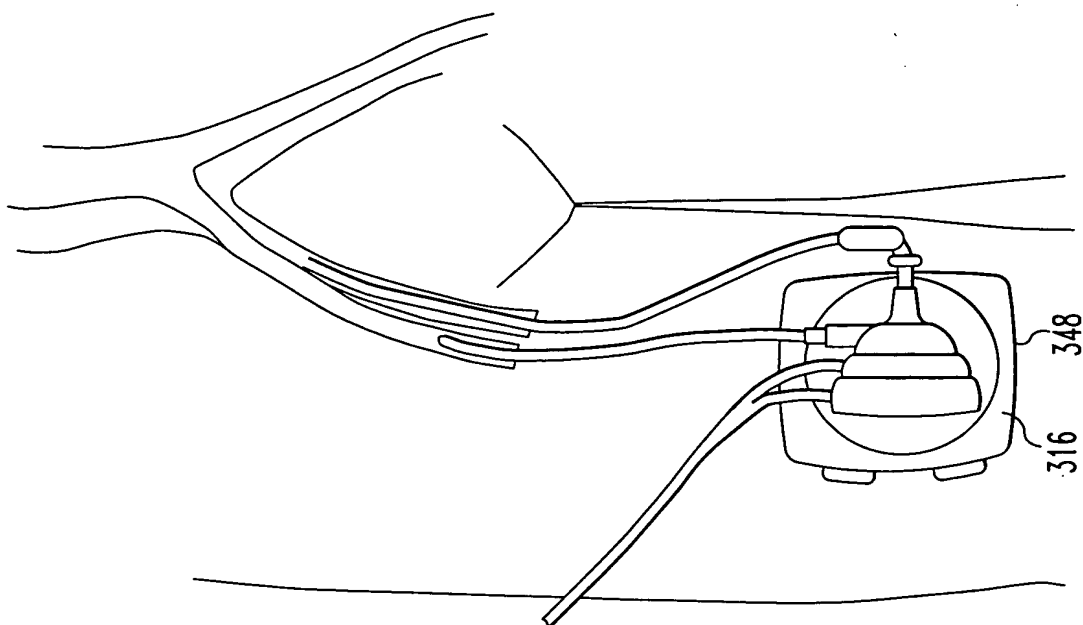


FIG. 22



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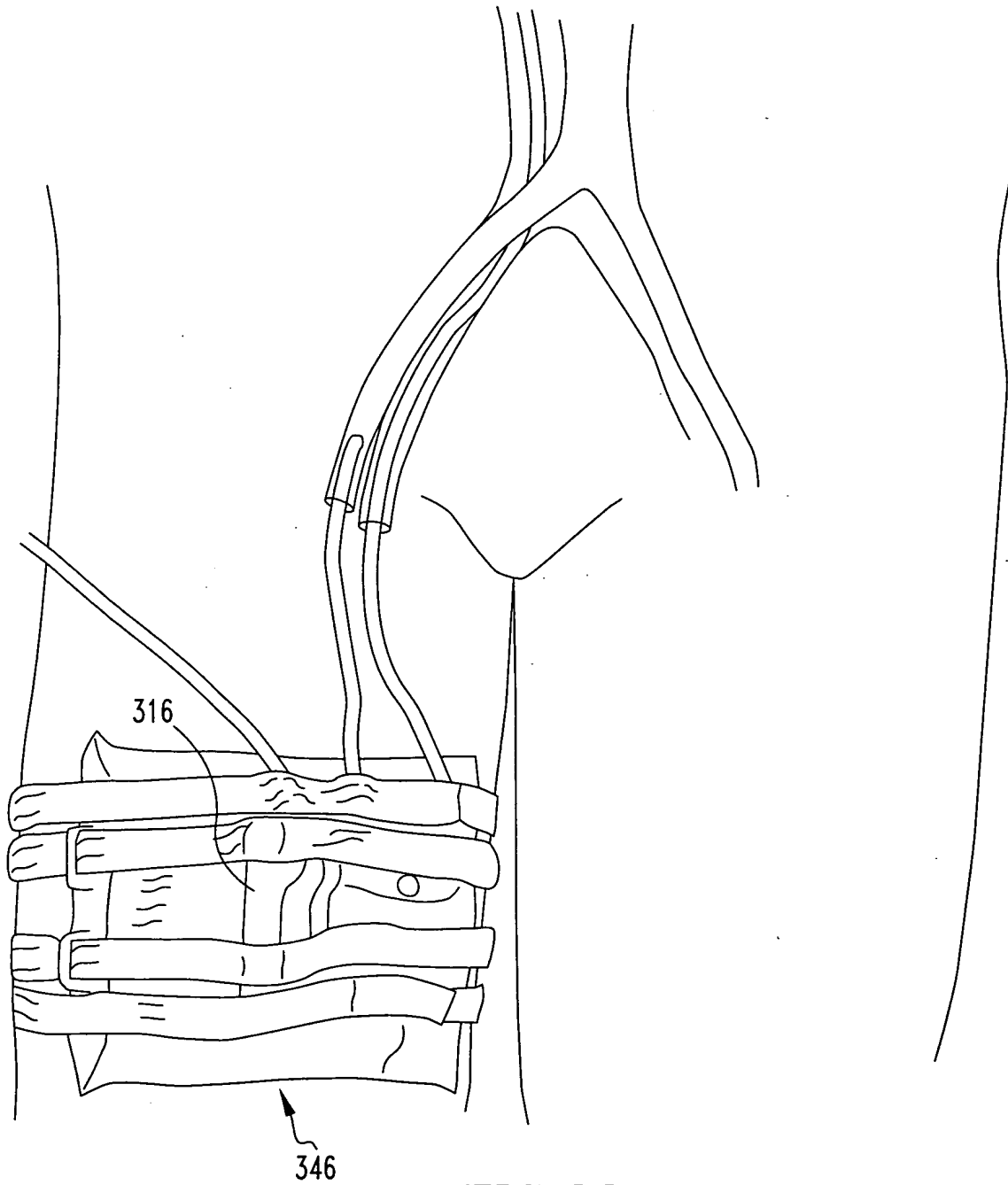
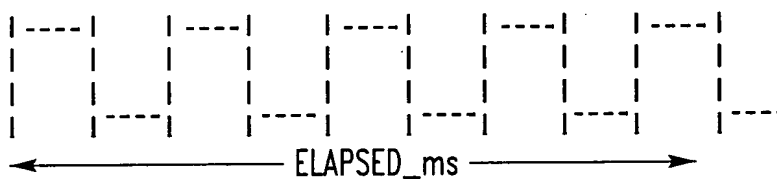


FIG. 23



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PULSE RATE = NUMBER OF TRAILING EDGES COUNTED DURING THE TIME INTERVAL.
ELAPSED_ms = ACTUAL NUMBER OF MILLISECONDS IN THE TIME INTERVAL.

FIG.24



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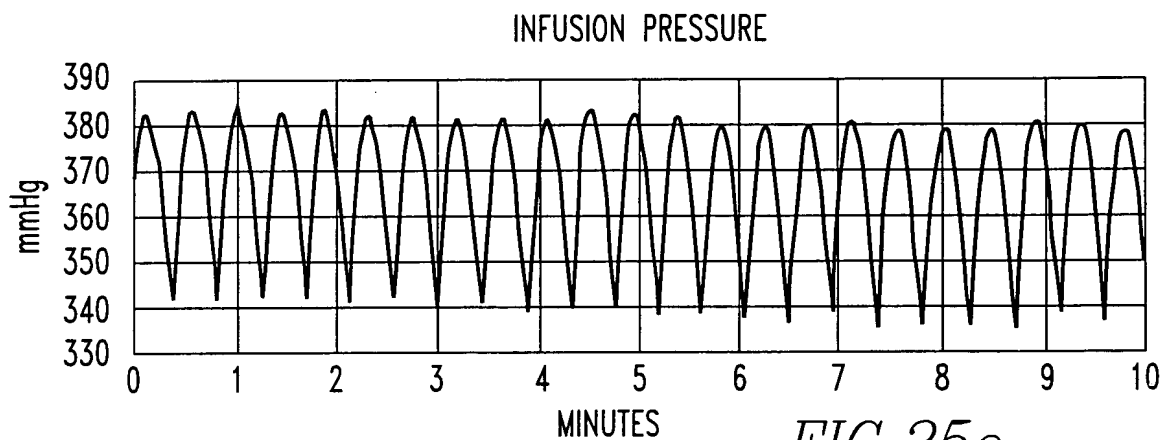


FIG.25a

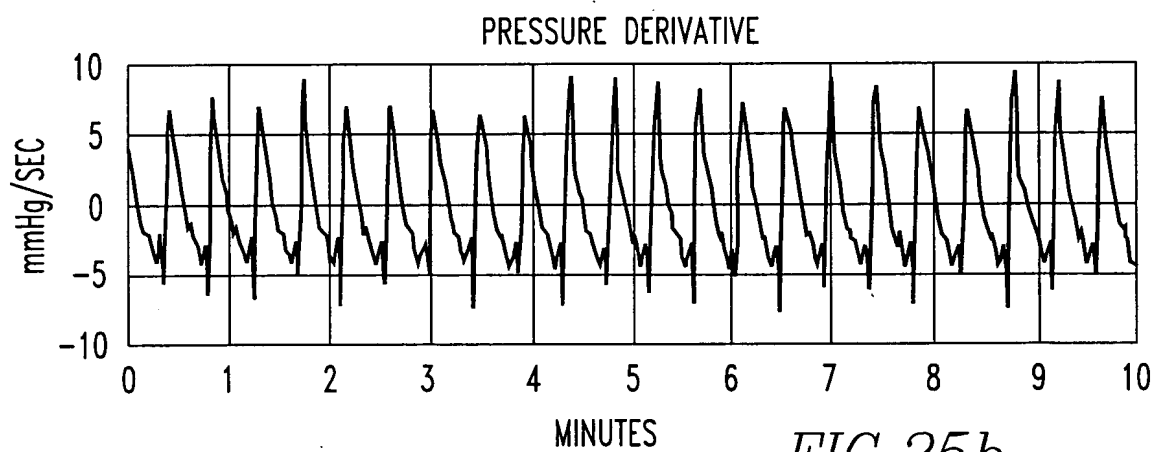


FIG.25b



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AB-180 XC BLOOD PUMP

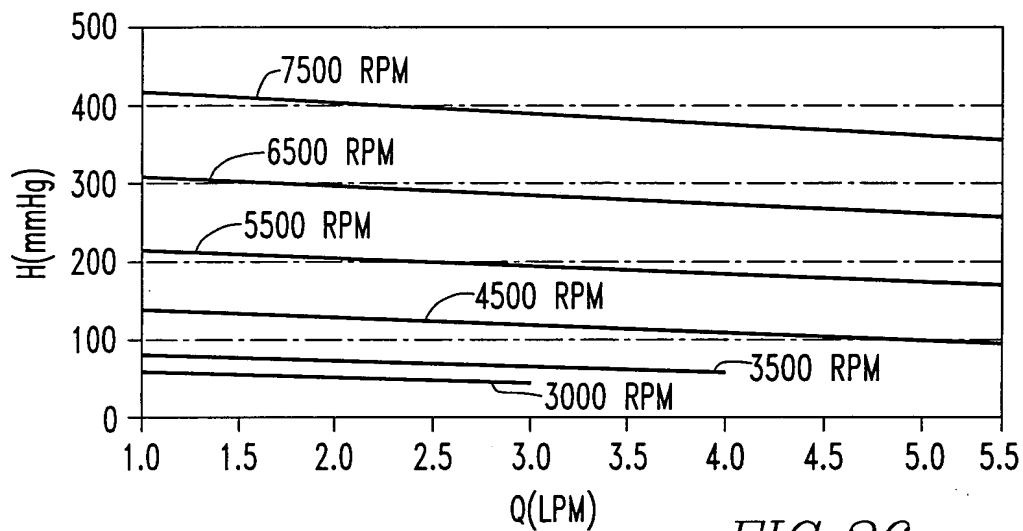


FIG.26a

FLOW RATE VS. PRESSURE DROP
CAT 21 FR. CANNULA

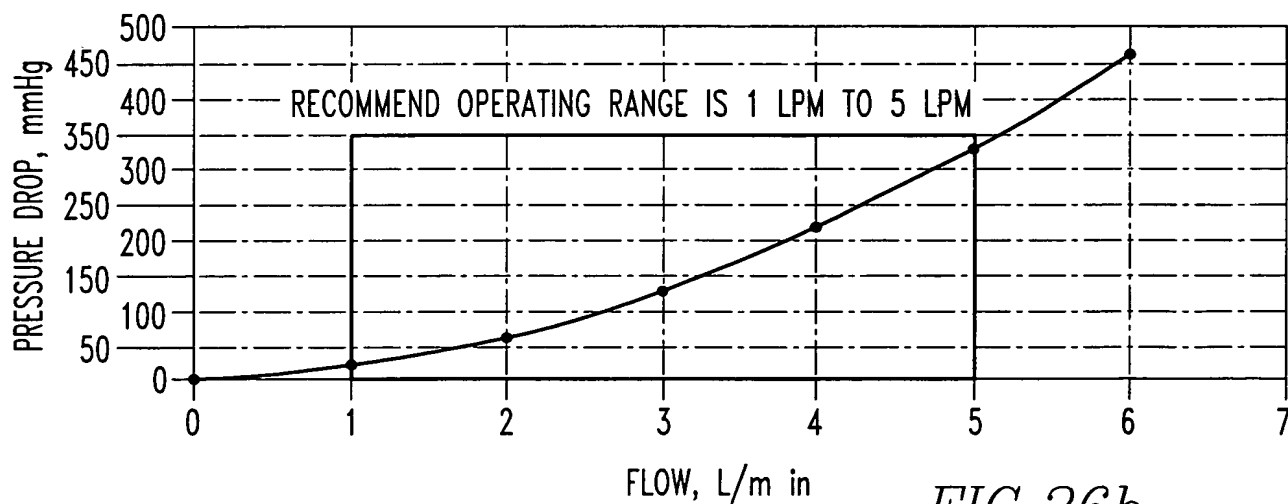


FIG.26b



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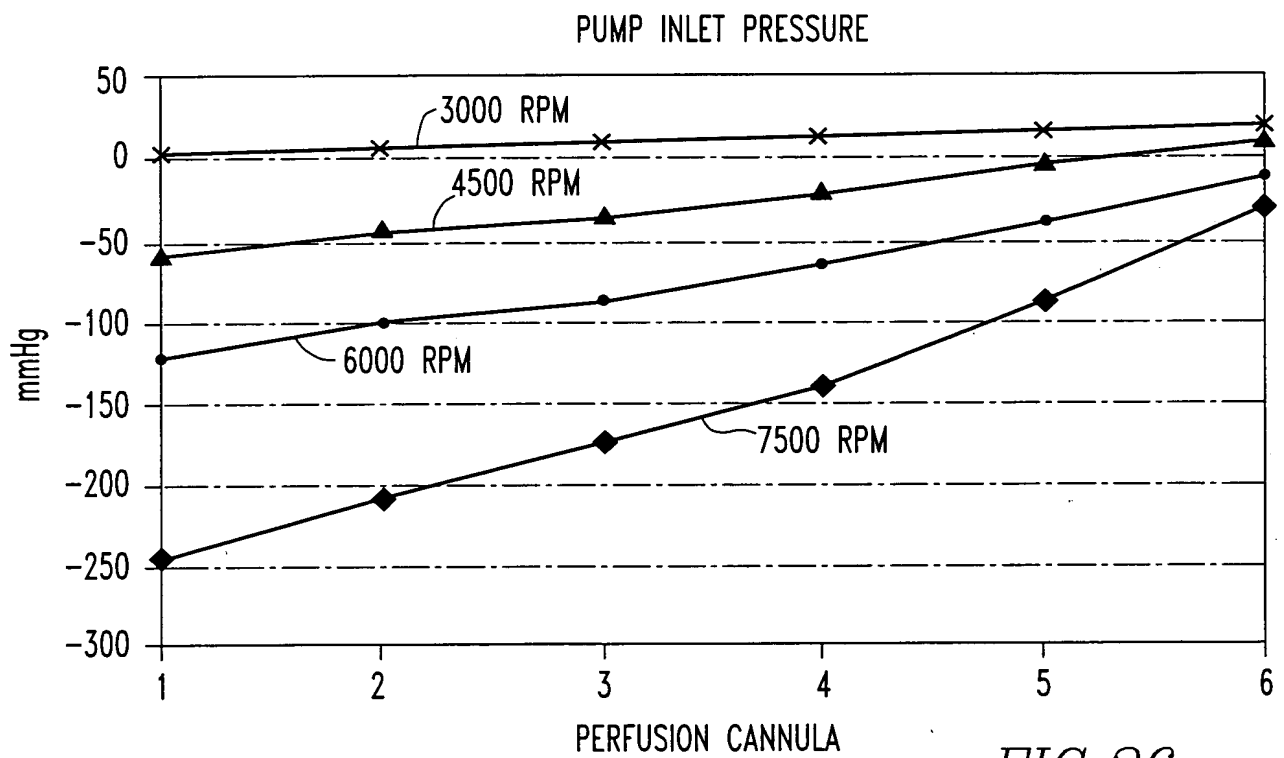
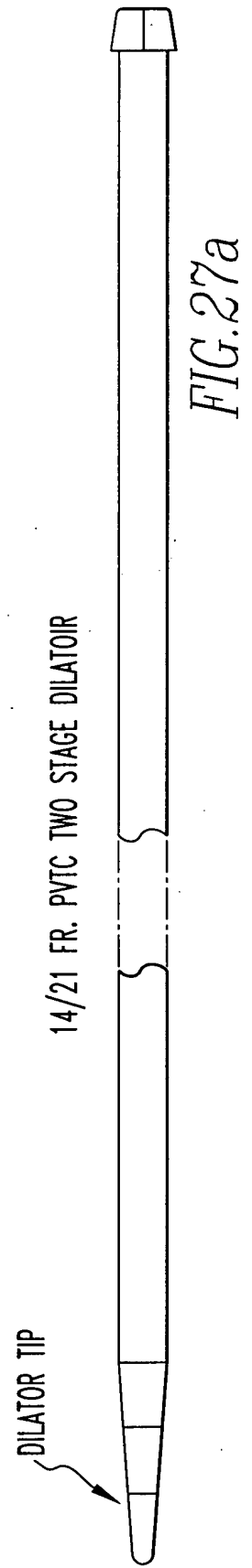
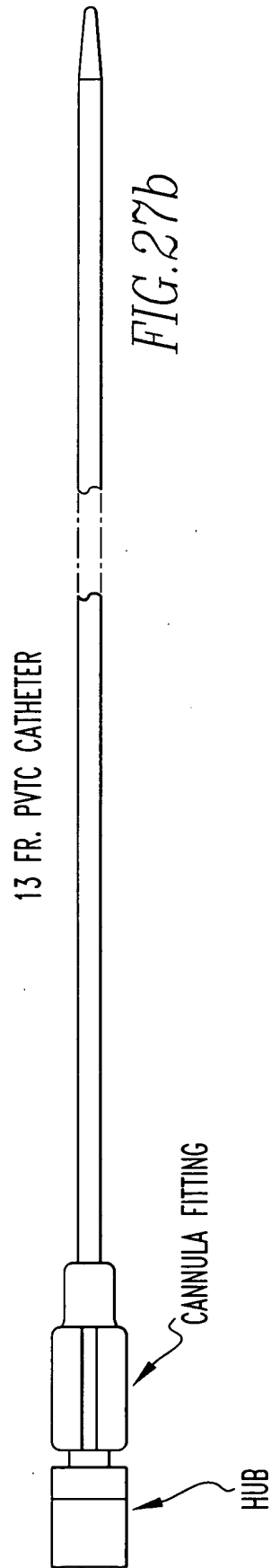
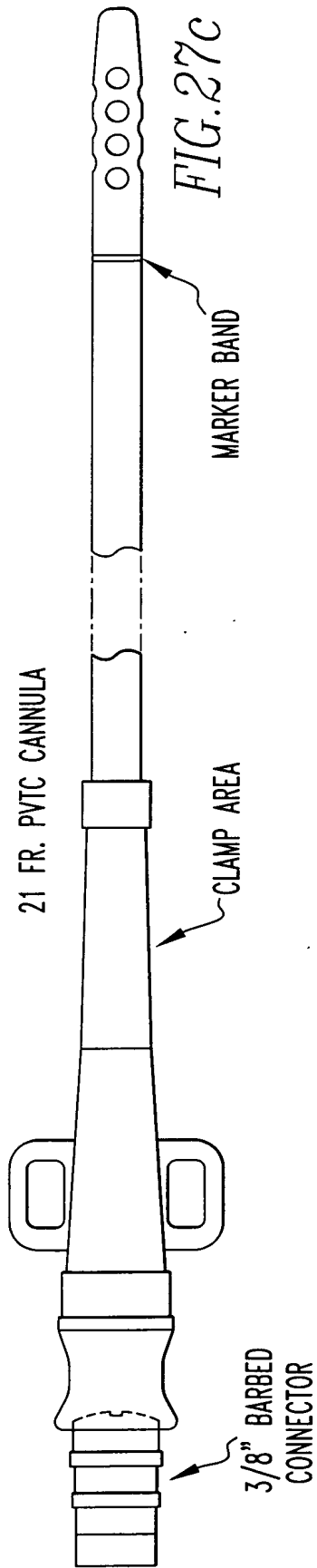
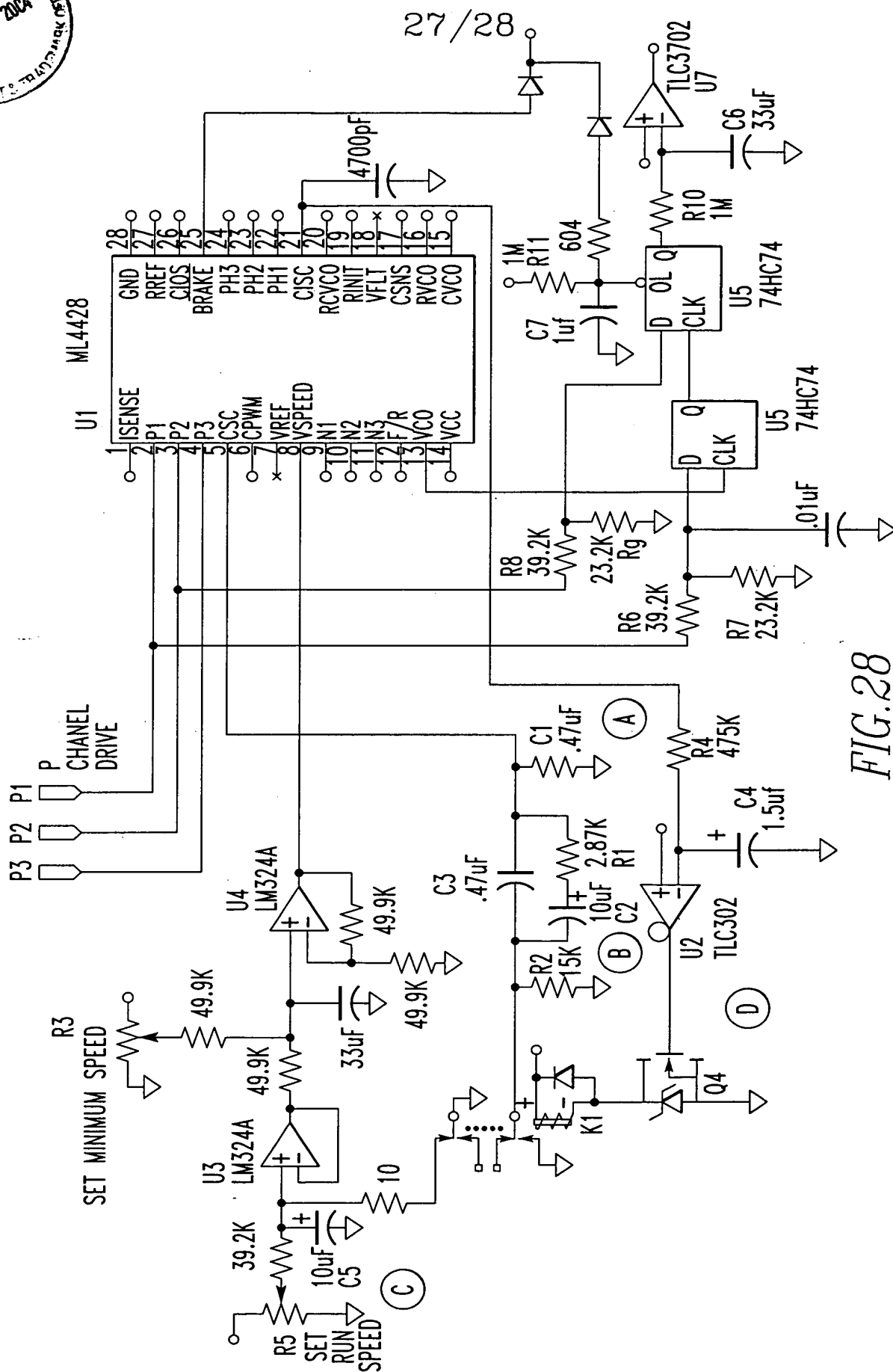
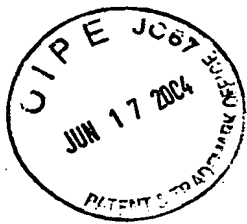


FIG.26c







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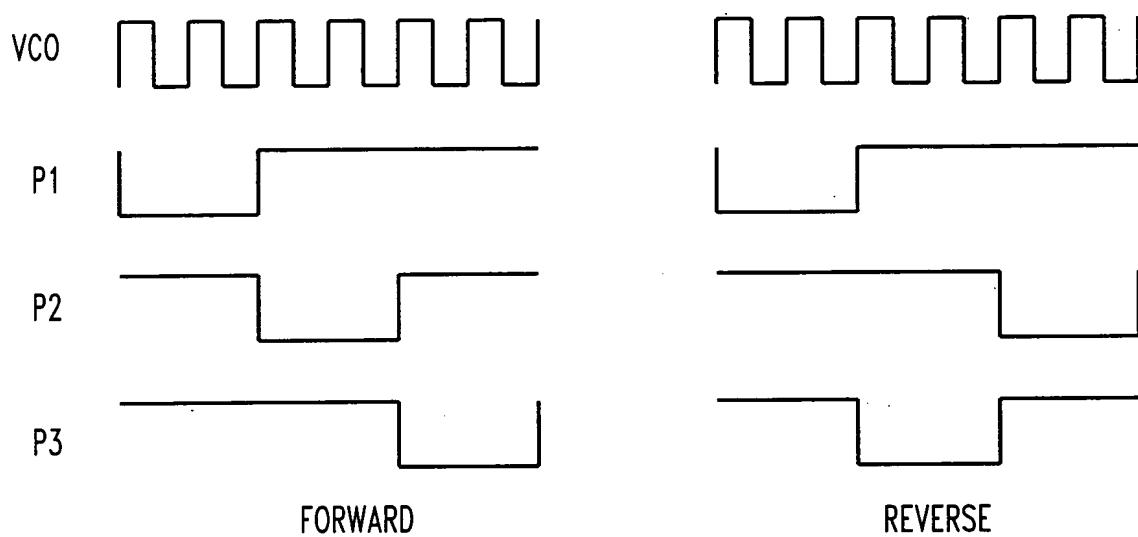


FIG.29